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Ethnic politics and armed conflict. A configurational analysis of a new global dataset.

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ONLINE APPENDIX

This appendix describes the Ethnic Power Relations (EPR) dataset, provides additional descriptive statistics, and reports several sensitivity checks of the regression results.

1 The Ethnic Power Relations dataset (EPR)

The Ethnic Power Relations (EPR) data set improves on earlier work along similar lines (Buhaug, Cederman, and Rød 2008; Cederman and Girardin 2007) by covering the entire world, recording changes in power relations over time, and using a more fine-grained typology of access to state power. The project relied on the expert input of nearly 100 students of ethnic politics to assess formal and informal degrees of political participation and exclusion along ethnic lines.¹ Apart from being relatively inexpensive and feasible, expert surveys have the advantage of summing intangible and contextual knowledge that more mechanistic tools cannot capture.² This method has been applied to a wide variety of areas in the social sciences, including, most prominently, the estimation of party platforms (Benoit and Laver 2006).

1.1 Politically relevant ethnic groups

Following the Weberian tradition, we define ethnicity as a subjectively experienced sense of commonality based on a belief in common ancestry and shared culture. Different markers may be used to indicate such shared ancestry and culture: common language, similar phenotypical features, adherence to the same faith, and so on. Our definition of ethnicity thus includes

¹ The process of contacting and interacting with country experts took almost two years. Once sufficient coding responses were available, we held workshops with regional experts to decide on the final coding. We discussed each coding in light of the experts' comments, as well as additional data sources and the accumulating comparative knowledge of the project team itself. In many cases, we returned to the initial coders or invited additional experts to help synthesize the data.

² We prefer this expert survey approach to the more straightforward strategy of recording the ethnic background of heads of state (cf. Fearon, Kasara, and Laitin 2007), even at the expense of generating some ambiguity and measurement problems. The ethnic background of the head of state may not adequately capture how ethnicity structures access to political power, particularly because it does not consider "token" representatives of ethnic communities.

ethnolinguistic, ethnosomatic (or “racial”), and ethnoreligious groups, but not tribes and clans that conceive of ancestry in genealogical terms, nor regions that do not define commonality on the basis of shared ancestry. Ethnic categories may be hierarchically nested and comprise several levels of differentiation, not all of which are politically relevant (on the notion of ethnicity underlying this project, see Wimmer 2008).

An ethnic category is politically relevant if at least one significant political actor claims to represent the interests of that group in the national political arena, or if members of an ethnic category are systematically and intentionally discriminated against in the domain of public politics. By “significant” political actor we mean a political organization (not necessarily a party) that is active in the national political arena. We define discrimination as political exclusion directly targeted at an ethnic community—thus disregarding indirect discrimination based, for example, on educational disadvantage or discrimination in the labor or credit markets. The coding scheme allows us to identify countries or specific periods in which political objectives, alliances, or disputes were never framed in ethnic terms, thus avoiding using an ethnic lens for countries not characterized by ethnic politics, such as Tanzania and Korea. The coding rules mirror the MAR data set’s definition of political relevance but, by coding majority and dominant groups as well, do not restrict the universe of cases to politically excluded minorities.

We do not distinguish between degrees of representativity of political actors who claim to speak for an ethnic group, nor do we code the heterogeneity of political positions voiced by leaders claiming to represent the same community (Bowen 1996; Brubaker 2004; Zartman 2004). Such detail is beyond the scope of this project and would require a coding scheme in which political organizations form the units of observation. We thus assume that ethnic categories become politically relevant as soon as there is a minimal degree of political mobilization or intentional political discrimination along ethnic lines. This happens regardless of the level of support for an ethnopolitical project and whatever the heterogeneity of positions voiced in the name of a group. Our data set does not code information regarding the process leading to such ethnic mobilization but only records its effect—that a particular ethnic category has become a meaningful reference in the dynamics of national politics.

Because politically relevant categories and access to political power may change over time, coders divided the 1946 to 2005 period and provided separate codings for each subperiod. This was also necessary when the list of politically relevant categories changed from one year to the next. Next, we coded the degree of access to power enjoyed by political leaders who claimed to represent various groups.

1.2 Coding access to power

We focus only on executive-level power, that is, representation in the presidency, cabinet, and senior posts in the administration, including the army. The weight given to these institutions depends on the de facto power constellations of the country in question. Experts focused on the most relevant dimension (e.g., in a military dictatorship, power over the army; in presidential systems, the senior cabinet). We were primarily interested in major power shifts, rather than day-to-day reorganizations of cabinets or the promotion of officers in the army. In all cases, coders

focused on absolute access to power irrespective of the question of under- or overrepresentation relative to the demographic size of an ethnic category.

We categorized all politically relevant ethnic groups according to the degree of access to central state power by those who claimed to represent them. Some held full control of the executive branch with no meaningful participation by members of any other group, some shared power with members of other groups, and some were excluded altogether from decision-making authority. Within each of these three categories, coders differentiated between further subtypes, including absolute power, power sharing regimes, and exclusion from central power.

ABSOLUTE POWER. In this case, the political elites who claim to represent an ethnic group do not significantly share power with other political leaders. There are two possibilities, monopoly and dominant.

Monopoly: Elite members hold monopoly power in the executive-level at the exclusion of members of other ethnic groups. The Ladino community in Guatemala is a good example. They ruled without any significant participation from the indigenous population until the end of the civil war.

Dominant: Elite members of the group hold dominant power in the executive-level but there is some limited inclusion of members of other groups. This includes token members of the cabinet coming from other ethnic groups, such as Saddam Hussein's minister of foreign affairs, who was Christian rather than Sunni Arab. Token members do not effectively act as representatives of the nondominant group, nor do they advocate for policies that would correspond to demands voiced by other leaders of the nondominant group.

POWER SHARING REGIMES. By power sharing, we mean any arrangement that divides executive power among leaders who claim to represent particular ethnic groups. Such an arrangement can be either formal, as in Lebanon, or informal, as in Switzerland. Although consociationalism illustrates this type of governance, we do not limit it to this category. The representatives of an ethnic category can play one of two roles in a coalition, either senior or junior partner.

Senior partner: Representatives participate as senior partners in a formal or informal power sharing arrangement

Junior partner: Representatives participate as junior partners in government.³

³ The choice between senior and junior depends on the number and relative importance of the positions controlled by group members. For example, in ethnic party systems such as that of Malaysia, the Malay governing party is the senior partner, while the Chinese party is a junior partner. Even in countries without ethnic party systems, such as Switzerland, it is possible to identify the Swiss Germans as the senior partner and the French and Italian speakers as the junior ones, based on the informally fixed distribution of cabinet seats along ethnolinguistic lines.

EXCLUSION FROM CENTRAL POWER. Finally, when political leaders who claim to represent a particular ethnic category are excluded from participation in central government, we distinguish between those with local autonomy and those who are powerless or discriminated against.

Regional autonomy: Elite members of the group have no central power but have some influence at the subnational level (i.e., the provincial or district level, depending on the vertical organization of the state).⁴ Georgians under Soviet rule are an example. Local governments controlled by representatives of an ethnic category who have declared their territory independent from central government, such as Abkhazians in independent Georgia, are a special case. We mark such situations with an additional coding, “secessionist autonomy.”⁵

Powerless: Elite representatives hold no political power at the national or regional levels without being explicitly discriminated against.

Discriminated: Group members are subjected to active, intentional, and targeted discrimination with the intent of excluding them from both regional and national power. Examples include African Americans until the civil rights movement and Guatemaltecan Indians until the end of the civil war. Such active discrimination can be either formal or informal. Formal discrimination legally limits access to government positions to citizens who speak a certain mother tongue, display certain phenotypical features, or are members of certain religious groups. Informal discrimination actively and intentionally inhibits individuals with certain ethnic backgrounds from rising within the ranks of government.⁶

⁴ We do not consider local power below this level. By influence, we mean that group members have a leading position or are coalition partners in a regional government (where such governments exist); or that they participate significantly in the executive branch on the regional level (e.g., where regional governors are appointed by the central government); or there are ethnic quotas in the regional or local administration (such as in India or the FSU).

⁵ We code local autonomy exclusively for politically relevant groups. We therefore do not consider ethnic communities whose representatives control municipal governments because of a high local population share but never appear in a regional or national political arena (e.g., Albanian speakers in Italy). We exclude such groups from the data and consider them politically irrelevant.

⁶ We do not include in this category (1) groups suffering from *indirect* discrimination because they are disadvantaged in the economic sphere or the educational sector and thus are unlikely to successfully compete in the political arena; (2) general social discrimination (e.g., on the labor and marriage markets); and (3) the exclusion of noncitizens from power, as long as they hold passports of other states and can effectively return to their country of origin. This notion of discrimination does not rely on representation compared with population size. A large group may be underrepresented in government without being actively and intentionally discriminated against.

1.3 War coding

Our coding of wars is based on the UCDP/PRIO Armed Conflicts Data Set (ACD) (Gleditsch et al. 2002). ACD defines armed conflict as any armed and organized confrontation between government troops and rebel organizations, or between army factions, that reaches an annual battle-death threshold of 25 people. Massacres and genocides are not included because the victims are neither organized nor armed; communal riots and pogroms are excluded because the government is not directly involved. We drew primarily on version 3-2005b of the ACD data set, which provides two levels of conflict identification, a more general war ID number and a disaggregated sub-ID that identifies whenever the constellation of rebel organizations changes completely or when more than 10 years elapse between episodes of violence. We relied on these sub-IDs to construct our own conflict list because we are interested in a disaggregated dependent variable that would allow us to differentiate between conflicts fought by actors claiming to represent different ethnic communities.⁷ As a result, we code a larger number of armed conflict onsets than does the original ACD. To preserve comparability with other studies of civil war, we identify high-intensity conflicts as those that reach the standard threshold of 1,000 battle deaths in at least one year. For each conflict, we coded whether actors pursued ethnonationalist aims and if they pursued secessionist objectives.

Ethnic/nonethnic conflicts are distinguished by the aims of the armed organizations and their recruitment and alliance structures, in line with other ongoing coding projects (Sambanis 2009). Ethnic wars typically involve conflicts over ethnonational self-determination, the ethnic balance of power in government, ethnoregional autonomy, ethnic and racial discrimination (whether alleged or real), and language and other cultural rights. We define all other war aims as nonethnic. Examples of nonethnic conflicts include the various military coups staged in Argentina and the civil wars in China, Greece, and Algeria. Regarding recruitment and alliance structures, we define ethnic wars as those fought by armed organizations that recruit fighters predominantly among their own ethnic group and who forge alliances on the basis of ethnic affiliation. For a conflict to be classified as ethnic, armed organizations have to both explicitly pursue ethnonationalist aims, motivations, and interests *and* recruit fighters and forge alliances on the basis of ethnic affiliations.

We linked all ethnic conflicts to the politically relevant ethnic category in the name of which an armed organization instigated the conflict. We looked at the aims and recruitment patterns of each armed organization separately. In some complex cases (e.g., Afghanistan, Burma, Chad, Uganda, Angola, and Zaire), we disaggregated a conflict into several war fronts with different ethnic claims made on the nongovernmental side. This was necessary when the constellation of rebel organizations changed dramatically over time.

⁷ The ACD data set appears to be more consistent with regard to coding sub-IDs from 1989 onward. We fused sub-IDs that were based on a change in the type of civil war (e.g. internationalized versus non-internationalized conflicts). We also split or merged some wars to be consistent with the rules governing sub-ID coding. A list of our conflicts and how they relate to the ACD war IDs is available upon request.

Separatist wars are fought by armed organizations that aim at establishing a separate, independent, internationally recognized state or that want to join another existing state (irredentism). We assessed the intentions of the armed organizations immediately at the outbreak of war—not how their intentions developed in the course of the armed conflict—because our analysis takes war onset as the dependent variable. We also distinguished between cases where the demand for independence was tactical (the Karen’s threat to establish an independent state) or represented a long-term strategic objective.

Our data set includes 215 armed conflicts fought between 1946 and 2005, 110 of which were ethnic conflicts. Of the 215 conflicts, 60 had secessionist aims, the vast majority of which were also ethnic in character. Among the 110 ethnic conflicts, 20 were fought by groups in power, 64 by powerless or discriminated groups, and 26 by autonomous groups. One half of the conflicts reached the standard threshold of civil war (more than 1,000 battle deaths in a year).⁸ Table S1 summarizes the conflict classifications. The conflict classifications are summarized in Appendix Table 1.

Appendix Table 1
The conflict dataset

	Ethnic conflicts		Non-ethnic conflicts	<i>Total conflicts</i>
Secessionist	57		3	60
Non-secessionist	53		102	155
<i>Total</i>	110		105	215
	20	90		
	Infighting (conflicts fought in the name of groups in power)	Rebellions (conflicts fought in the name of excluded groups)		

⁸ In comparison, Fearon and Laitin (2003) identify 114 civil wars, of which 78 are ethnic, from 1945 to 1999. Sambanis (2004) counts 145 civil wars in his data set covering the same timeframe.

2 Summary statistics for core variables

Appendix Table 2 provides summary statistics for the core variables in our dataset. It includes 7,155 observations covering 156 sovereign states in all years after independence from 1946-2005.

Appendix Table 2
Summary statistics of core variables

<i>Variable</i>	<i>Observations</i>	<i>Mean</i>	<i>Standard deviation</i>	<i>Minimum</i>	<i>Maximum</i>
natural log (Exclusion) Center	7,138	1.864	1.589	0	4.595
segmentation	7,138	1.638	1.856	0	14
Imperial past	7,155	0.475	0.314	0	1
Linguistic fractionalization	7,151	0.381	0.284	0.001	0.925
GDP per capita (in 1000 USD)	6,990	5.968	7.292	0.028	110.315
natural log (Population)	7,060	9.188	1.390	5.581	14.076
natural log (Mountainous terrain)	7,155	2.204	1.391	0	4.421
Soldiers per capita	6,489	7.719	9.432	0	211.297
Political instability	7,155	0.122	0.327	0	1
Anocracy	6,986	0.224	0.417	0	1
Oil production per capita (in barrels)	7,060	2.072	13.087	0	272.403

3 First difference effects

Appendix Table 3 displays first difference effects of changes in independent variables based on Table 2, model 7 in the paper. Increasing the share of the excluded population from 6% to 32% (an increase of one standard deviation from the mean) results in a 25% increase in the probability of ethnic conflict. A one standard deviation increase in center segmentation leads to a 9% increased risk of conflict while a similar increase in years under imperial rule between 1816 and independence increases the chance of armed conflict by 13%. As a whole, the aggregate effects of a one standard deviation increase in the three measures of ethnic politics are associated with changes in war risk of similar or greater magnitude than the effects of GDP per capita or population size, the two most robustly significant variables in the civil war literature.

Appendix Table 3
First Difference Effects on Ethnic Conflict (based on Table 2, model 7)

Variable	Change in variable by one standard deviation from mean	Increase in probability of ethnic conflict
Exclusion	6% to 32% of population	25.5%**
Center segmentation	1 to 3 groups	9.2%**
Imperial past	47% to 79% years since 1816	12.9%*
Linguistic fractionalization	.38 to .67	17.0%**
GDP per capita	\$5,968 to \$13,260	-22.0%**
Population size	9.19 to 10.58 million	13.4%**
Mountainous terrain	2.20 to 3.60	10.6%
Political instability	0 to 1	7.9%
Anocracy	0 to 1	20.6%*
Oil production per capita	2.07 to 15.16 barrels/person/day	10.5%*
Ongoing war	0 to 1	2.6%

The observed rate of ethnic conflict in the sample is 110/7,155 country years or 1.54%
Statistical significance of beta coefficients in underlying model indicated by ** p<0.01, * p<0.05

Appendix Table 4a
 Robustness checks for Table 2: Ethnicity matters for explaining armed conflict
 DV: Onset of civil conflict, including time controls

	Ongoing war years included (replicates Table 2, models 1-5 in paper)					Ongoing war years dropped				
	1 ACD	2 ACD	3 ACD High intensity	4 Fearon and Laitin	5 Sambanis	6 ACD	7 ACD	8 ACD High intensity	9 Fearon and Laitin	10 Sambanis
<i>Ethnic politics variables</i>										
Excluded population	0.1887** (0.0513)	0.1291* (0.0558)	0.2859** (0.0834)	0.2564** (0.0779)	0.2792** (0.0808)	0.1880** (0.0569)	0.1441* (0.0606)	0.3248** (0.0893)	0.2774** (0.0805)	0.3213** (0.0807)
Center segmentation	0.0862** (0.0295)	0.0587 (0.0389)	0.0562 (0.0455)	0.0771 (0.0586)	0.0177 (0.0491)	0.0567 (0.0380)	0.0296 (0.0513)	0.0735 (0.0605)	0.1172 (0.0888)	0.0068 (0.0500)
Imperial past	0.2075 (0.2614)	0.4579 (0.2886)	0.7285 (0.4441)	0.7899* (0.3568)	0.5932 (0.3307)	0.2104 (0.2910)	0.4321 (0.3244)	0.6893 (0.4958)	0.6799 (0.3550)	0.6890 (0.3637)
<i>Other variables</i>										
Linguistic fractionalization		0.6298 (0.3227)	0.1244 (0.4597)	-0.0283 (0.4274)	0.0261 (0.3989)		0.5650 (0.3891)	-0.1778 (0.5401)	-0.0685 (0.4736)	-0.2278 (0.4893)
GDP per capita	-0.1239** (0.0271)	-0.1093** (0.0276)	-0.1902** (0.0546)	-0.1267** (0.0374)	-0.1750** (0.0472)	-0.1203** (0.0277)	-0.1044** (0.0275)	-0.1640** (0.0539)	-0.1245** (0.0372)	-0.1598** (0.0492)
Population size	0.1556** (0.0559)	0.1397** (0.0532)	0.0865 (0.0636)	0.2354** (0.0672)	0.2135** (0.0616)	0.1278* (0.0573)	0.0884 (0.0631)	0.0504 (0.0801)	0.2541** (0.0781)	0.1400* (0.0702)
Mountainous terrain		0.1241* (0.0601)	0.1901 (0.1117)	0.1581* (0.0794)	0.1320 (0.0765)		0.0926 (0.0630)	0.1796 (0.1086)	0.1662* (0.0799)	0.1391 (0.0871)
Political instability		0.3454 (0.1764)	0.4555 (0.2852)	0.2693 (0.2754)	0.2655 (0.2412)		0.4846* (0.1951)	0.5714 (0.2972)	0.1866 (0.2944)	0.2420 (0.2598)
Anocracy		0.4292** (0.1625)	0.4014 (0.2511)	0.7218** (0.2369)	0.6478** (0.1863)		0.4527* (0.1760)	0.2991 (0.2987)	0.6474** (0.2485)	0.6810** (0.2196)
Oil production per capita		0.0171** (0.0063)	0.0051 (0.0162)	0.0056 (0.0165)	0.0176* (0.0078)		0.0158* (0.0063)	0.0062 (0.0137)	0.0042 (0.0183)	0.0101 (0.0134)
Ongoing war	-0.9832** (0.3620)	-0.9678** (0.3733)	-1.2732** (0.4690)	-2.1655** (0.4277)	-1.4045** (0.4435)					
Calendar year	0.0060 (0.0052)	0.0047 (0.0053)	0.0019 (0.0068)	0.0218** (0.0075)	0.0204** (0.0076)	0.0091 (0.0051)	0.0075 (0.0052)	0.0041 (0.0069)	0.0259** (0.0068)	0.0205** (0.0076)
Peace years since last conflict	-0.2443 (0.1425)	-0.2215 (0.1435)	-0.3397** (0.1210)	-0.2930* (0.1399)	-0.2646* (0.1274)	-0.1987 (0.1131)	-0.1642 (0.1105)	-0.3574** (0.1003)	-0.3828** (0.0979)	-0.1066 (0.0975)
Spline1 for peace years	-0.0037 (0.0040)	-0.0033 (0.0041)	-0.0025 (0.0014)	-0.0037 (0.0025)	-0.0031 (0.0025)	-0.0025 (0.0033)	-0.0019 (0.0033)	-0.0026* (0.0012)	-0.0051** (0.0019)	-0.0006 (0.0020)
Spline2 for peace years	0.0004 (0.0010)	0.0003 (0.0010)	0.0007 (0.0007)	0.0010 (0.0009)	0.0006 (0.0009)	0.0001 (0.0008)	-0.0000 (0.0008)	0.0007 (0.0007)	0.0013 (0.0007)	-0.0002 (0.0008)
Spline3 for peace years	0.0002 (0.0002)	0.0002 (0.0002)	0.0001 (0.0002)	-0.0001 (0.0003)	0.0001 (0.0002)	0.0002 (0.0002)	0.0002 (0.0002)	0.0001 (0.0002)	-0.0001 (0.0002)	0.0002 (0.0002)
Latin America										
Eastern Europe										
North Africa and Middle East										
Sub-Saharan Africa										
Asia										
Constant	-16.1544 (10.2646)	-14.2810 (10.5160)	-9.0225 (13.5435)	-49.4749** (14.6798)	-46.1852** (14.8129)	-22.1681* (10.1436)	-19.4476 (10.3162)	-12.8815 (13.4854)	-57.4000** (13.4247)	-46.1999** (14.9159)
Observations	6938	6865	6865	6034	5818	5980	5923	6204	5268	5076

Robust standard errors in parentheses. ** p<0.01, * p<0.05

Appendix Table 4b
Robustness checks for Table 2: Ethnicity matters for explaining armed conflict
DV: Onset of civil conflict, no time controls

	Ongoing war years included					Ongoing war years dropped				
	11 ACD	12 ACD	13 ACD High intensity	14 Fearon and Laitin	15 Sambanis	16 ACD	17 ACD	18 ACD High intensity	19 Fearon and Laitin	20 Sambanis
<i>Ethnic politics variables</i>										
Excluded population	0.1973** (0.0537)	0.1295* (0.0560)	0.2849** (0.0839)	0.2482** (0.0812)	0.2824** (0.0840)	0.2024** (0.0616)	0.1452* (0.0625)	0.3276** (0.0922)	0.2625** (0.0853)	0.3259** (0.0847)
Center segmentation	0.0906** (0.0292)	0.0575 (0.0389)	0.0512 (0.0456)	0.0672 (0.0536)	0.0155 (0.0437)	0.0690 (0.0401)	0.0266 (0.0522)	0.0599 (0.0596)	0.1189 (0.0982)	-0.0016 (0.0440)
Imperial past	0.2352 (0.2728)	0.4583 (0.2992)	0.7608 (0.4546)	0.8866* (0.3690)	0.5941 (0.3355)	0.2872 (0.3118)	0.4714 (0.3438)	0.8264 (0.5134)	0.8826* (0.4111)	0.7591* (0.3473)
<i>Other variables</i>										
Linguistic fractionalization		0.6935* (0.3242)	0.2076 (0.4713)	0.1593 (0.4276)	0.1765 (0.3917)		0.6794 (0.3984)	-0.0727 (0.5549)	0.1910 (0.5018)	-0.0479 (0.4816)
GDP per capita	-0.1263** (0.0269)	-0.1086** (0.0271)	-0.1991** (0.0575)	-0.1219** (0.0352)	-0.1601** (0.0451)	-0.1252** (0.0273)	-0.1040** (0.0268)	-0.1851** (0.0610)	-0.1281** (0.0362)	-0.1456** (0.0468)
Population size	0.1572** (0.0575)	0.1494** (0.0536)	0.0968 (0.0643)	0.2417** (0.0657)	0.2287** (0.0616)	0.1388* (0.0594)	0.1071 (0.0641)	0.0770 (0.0841)	0.2889** (0.0870)	0.1617* (0.0693)
Mountainous terrain		0.1106 (0.0599)	0.1770 (0.1111)	0.1472 (0.0895)	0.1022 (0.0834)		0.0723 (0.0652)	0.1659 (0.1163)	0.1553 (0.0982)	0.1104 (0.0956)
Political instability		0.3614* (0.1775)	0.4685 (0.2911)	0.2613 (0.2710)	0.2716 (0.2422)		0.5185** (0.1986)	0.6032* (0.3034)	0.2493 (0.2866)	0.2593 (0.2558)
Anocracy		0.4587** (0.1646)	0.4853 (0.2477)	0.7496** (0.2313)	0.6613** (0.1817)		0.5064** (0.1778)	0.4535 (0.2923)	0.7388** (0.2414)	0.6858** (0.2134)
Oil production per capita		0.0186** (0.0062)	0.0049 (0.0213)	0.0060 (0.0190)	0.0187* (0.0081)		0.0172** (0.0062)	0.0073 (0.0195)	0.0082 (0.0190)	0.0106 (0.0139)
Ongoing war	-0.0971 (0.1930)	-0.2076 (0.2106)	0.0361 (0.2850)	-0.9183** (0.2418)	-0.3010 (0.2461)					
Calendar year										
Peace years since last conflict										
Spline1 for peace years										
Spline2 for peace years										
Spline3 for peace years										
Latin America										
Eastern Europe										
North Africa and Middle East										
Sub-Saharan Africa										
Asia										
Constant	-5.1946** (0.5525)	-5.8649** (0.6111)	-6.6384** (0.8601)	-7.6830** (0.7561)	-6.9901** (0.7366)	-4.9867** (0.5839)	-5.3926** (0.6882)	-6.4363** (0.9722)	-8.1664** (0.9387)	-6.4974** (0.7672)
Observations	6938	6865	6865	6034	5818	5980	5923	6204	5268	5076

Robust standard errors in parentheses. ** p<0.01, * p<0.05

Appendix Table 4c
Robustness checks for Table 2: Ethnicity matters for explaining armed conflict
DV: Onset of civil conflict, including time and region controls

	Ongoing war years included					Ongoing war years dropped				
	21 ACD	22 ACD	23 ACD High intensity	24 Fearon and Laitin	25 Sambanis	26 ACD	27 ACD	28 ACD High intensity	29 Fearon and Laitin	30 Sambanis
<i>Ethnic politics variables</i>										
Excluded population	0.1724** (0.0531)	0.1076 (0.0590)	0.2896** (0.0924)	0.2402** (0.0784)	0.2538** (0.0769)	0.1696** (0.0560)	0.1164 (0.0618)	0.3119** (0.0944)	0.2662** (0.0795)	0.2870** (0.0758)
Center segmentation	0.0837** (0.0267)	0.0505 (0.0342)	0.0549 (0.0449)	0.0731 (0.0549)	0.0158 (0.0504)	0.0570 (0.0355)	0.0240 (0.0479)	0.0692 (0.0598)	0.1145 (0.0849)	-0.0021 (0.0484)
Imperial past	0.1782 (0.2935)	0.4881 (0.3310)	0.4724 (0.5174)	0.9134* (0.4482)	0.4749 (0.3948)	0.3755 (0.3423)	0.6485 (0.3754)	0.5558 (0.6065)	0.8809 (0.4865)	0.7226 (0.4310)
<i>Other variables</i>										
Linguistic fractionalization		0.8174* (0.3638)	0.2142 (0.5042)	0.0241 (0.5441)	-0.2251 (0.4564)		0.7798 (0.4532)	-0.0085 (0.5916)	-0.0424 (0.5874)	-0.4585 (0.5574)
GDP per capita	-0.0776* (0.0310)	-0.0784* (0.0325)	-0.1555* (0.0718)	-0.0793 (0.0503)	-0.0994* (0.0503)	-0.0768* (0.0316)	-0.0769* (0.0332)	-0.1450* (0.0724)	-0.0653 (0.0482)	-0.0784 (0.0581)
Population size	0.1557* (0.0604)	0.1440* (0.0574)	0.0507 (0.0746)	0.2424** (0.0723)	0.2232** (0.0642)	0.1511* (0.0640)	0.1167 (0.0672)	0.0377 (0.0871)	0.2549** (0.0810)	0.1802* (0.0760)
Mountainous terrain		0.0966 (0.0682)	0.1318 (0.1197)	0.1481 (0.0900)	0.1489 (0.0788)		0.0792 (0.0774)	0.1475 (0.1249)	0.1544 (0.0908)	0.1751 (0.0912)
Political instability		0.3328 (0.1740)	0.4734 (0.2803)	0.2533 (0.2733)	0.2626 (0.2387)		0.4590* (0.1937)	0.5651 (0.2903)	0.1381 (0.2954)	0.2271 (0.2596)
Anocracy		0.3945* (0.1578)	0.3983 (0.2526)	0.6712** (0.2393)	0.6558** (0.1873)		0.3961* (0.1709)	0.2855 (0.2940)	0.6059* (0.2565)	0.6938** (0.2217)
Oil production per capita		0.0119 (0.0066)	-0.0074 (0.0285)	-0.0102 (0.0296)	0.0085 (0.0111)		0.0106 (0.0069)	-0.0023 (0.0239)	-0.0167 (0.0338)	-0.0097 (0.0340)
Ongoing war	-1.0293** (0.3621)	-0.9995** (0.3711)	-1.3561** (0.4675)	-2.2937** (0.4192)	-1.5312** (0.4493)					
Calendar year	0.0038 (0.0055)	0.0036 (0.0054)	0.0031 (0.0073)	0.0223** (0.0075)	0.0175* (0.0078)	0.0068 (0.0055)	0.0067 (0.0054)	0.0056 (0.0073)	0.0273** (0.0073)	0.0172* (0.0075)
Peace years since last conflict	-0.2465 (0.1433)	-0.2283 (0.1444)	-0.3411** (0.1218)	-0.3057* (0.1424)	-0.2832* (0.1297)	-0.2010 (0.1143)	-0.1695 (0.1115)	-0.3605** (0.1002)	-0.3817** (0.0988)	-0.1133 (0.0974)
Spline1 for peace years	-0.0038 (0.0041)	-0.0035 (0.0041)	-0.0025 (0.0014)	-0.0039 (0.0025)	-0.0033 (0.0025)	-0.0026 (0.0034)	-0.0020 (0.0033)	-0.0026* (0.0012)	-0.0050* (0.0019)	-0.0006 (0.0020)
Spline2 for peace years	0.0004 (0.0010)	0.0003 (0.0010)	0.0007 (0.0007)	0.0010 (0.0009)	0.0007 (0.0009)	0.0001 (0.0009)	0.0000 (0.0008)	0.0007 (0.0007)	0.0013 (0.0007)	-0.0001 (0.0008)
Spline3 for peace years	0.0002 (0.0002)	0.0002 (0.0002)	0.0002 (0.0002)	-0.0001 (0.0003)	0.0001 (0.0002)	0.0002 (0.0002)	0.0002 (0.0002)	0.0001 (0.0002)	-0.0001 (0.0002)	0.0002 (0.0002)
Latin America	2.0041** (0.6828)	1.8174** (0.6946)	14.3871 (14.2780)	1.6200 (1.0741)	1.4301 (1.0801)	1.6782** (0.6066)	1.4593* (0.6078)	0.7262 (1.1743)	1.7340 (1.0875)	1.5872 (1.1256)
Eastern Europe	1.6963* (0.7367)	1.4976* (0.7470)	14.4878 (14.2882)	0.8710 (1.1423)	0.5810 (1.2413)	0.9840 (0.6826)	0.7939 (0.6904)	0.5752 (1.2016)	0.7169 (1.1757)	0.5771 (1.2782)
North Africa and Middle East	1.9146** (0.6995)	1.7064* (0.7046)	14.6809 (14.2685)	1.4877 (1.1048)	1.8034 (1.0867)	1.4899* (0.6475)	1.2792* (0.6506)	0.9573 (1.2057)	1.5172 (1.1303)	1.8219 (1.1324)
Sub-Saharan Africa	1.8850** (0.7296)	1.5021 (0.7673)	14.3026 (14.3189)	1.4148 (1.1803)	1.9804 (1.1563)	1.4588* (0.6694)	1.0645 (0.7018)	0.5693 (1.2611)	1.4805 (1.1917)	2.1008 (1.2242)
Asia	2.0290** (0.7185)	1.6564* (0.7444)	14.7869 (14.2329)	1.4627 (1.1637)	1.7612 (1.1266)	1.4545* (0.6709)	1.0524 (0.6889)	0.8708 (1.3111)	1.5818 (1.1962)	1.6105 (1.2060)
Constant	-13.6426 (10.6736)	-13.6930 (10.5498)	-25.2606 (0.0000)	-51.8496** (14.5447)	-42.0582** (15.2747)	-19.2670 (10.6894)	-19.3151 (10.5384)	-16.2244 (13.9881)	-61.8665** (14.2375)	-41.8961** (14.5683)
Observations	6938	6865	6865	6034	5818	5980	5923	6204	5268	5076

Robust standard errors in parentheses. ** p<0.01, * p<0.05

Appendix Table 4d
 Robustness checks for Table 2: Ethnicity matters for explaining armed conflict
 DV: Onset of civil conflict, including time controls and number of past conflicts

	Ongoing war years included					Ongoing war years dropped				
	31 ACD	32 ACD	33 ACD High intensity	34 Fearon and Laitin	35 Sambanis	36 ACD	37 ACD	38 ACD High intensity	39 Fearon and Laitin	40 Sambanis
<i>Ethnic politics variables</i>										
Excluded population	0.1878** (0.0510)	0.1261* (0.0551)	0.2842** (0.0831)	0.2464** (0.0773)	0.2734** (0.0771)	0.1838** (0.0551)	0.1369* (0.0594)	0.3166** (0.0898)	0.2507** (0.0821)	0.3091** (0.0799)
Center segmentation	0.0832* (0.0334)	0.0505 (0.0386)	0.0488 (0.0462)	0.0479 (0.0552)	-0.0231 (0.0424)	0.0523 (0.0371)	0.0237 (0.0492)	0.0578 (0.0605)	0.0915 (0.0808)	-0.0237 (0.0476)
Imperial past	0.2178 (0.2658)	0.4864 (0.2851)	0.7564 (0.4591)	0.8978* (0.3599)	0.7341* (0.3307)	0.2413 (0.2934)	0.4716 (0.3210)	0.7596 (0.4824)	0.8049* (0.3529)	0.8278* (0.3524)
<i>Other variables</i>										
Number of past conflicts	0.0184 (0.0621)	0.0501 (0.0630)	0.0460 (0.1035)	0.1793* (0.0843)	0.2288** (0.0831)	0.0745 (0.0977)	0.0910 (0.0987)	0.1353 (0.1221)	0.2809** (0.0940)	0.2782** (0.1012)
Linguistic fractionalization		0.6404* (0.3153)	0.1193 (0.4582)	-0.0384 (0.4168)	-0.0212 (0.3736)		0.5984 (0.3875)	-0.1656 (0.5313)	-0.0590 (0.4620)	-0.2299 (0.4908)
GDP per capita	-0.1232** (0.0271)	-0.1075** (0.0274)	-0.1878** (0.0558)	-0.1154** (0.0375)	-0.1604** (0.0471)	-0.1184** (0.0274)	-0.1021** (0.0272)	-0.1597** (0.0539)	-0.1059** (0.0372)	-0.1453** (0.0501)
Population size	0.1478* (0.0603)	0.1186* (0.0588)	0.0657 (0.0772)	0.1577* (0.0728)	0.1088 (0.0610)	0.1049 (0.0622)	0.0613 (0.0716)	-0.0004 (0.0887)	0.1379 (0.0790)	0.0288 (0.0822)
Mountainous terrain		0.1242* (0.0595)	0.1923 (0.1122)	0.1674* (0.0809)	0.1316 (0.0792)		0.0941 (0.0623)	0.1824 (0.1085)	0.1858* (0.0832)	0.1470 (0.0920)
Political instability		0.3556* (0.1772)	0.4639 (0.2889)	0.2947 (0.2752)	0.3115 (0.2432)		0.4879* (0.1948)	0.5745 (0.2960)	0.1972 (0.2903)	0.2571 (0.2644)
Anocracy		0.4357** (0.1621)	0.4035 (0.2512)	0.7271** (0.2388)	0.6801** (0.1900)		0.4507* (0.1773)	0.2849 (0.3001)	0.6374* (0.2541)	0.6901** (0.2240)
Oil production per capita		0.0167** (0.0063)	0.0044 (0.0167)	-0.0004 (0.0231)	0.0148 (0.0081)		0.0154* (0.0063)	0.0050 (0.0143)	-0.0088 (0.0323)	0.0052 (0.0170)
Ongoing war	-1.0004** (0.3767)	-1.0144** (0.3845)	-1.3226** (0.5060)	-2.3266** (0.4452)	-1.5263** (0.4565)					
Calendar year	0.0054 (0.0058)	0.0030 (0.0059)	0.0002 (0.0085)	0.0152 (0.0082)	0.0121 (0.0083)	0.0068 (0.0056)	0.0047 (0.0060)	-0.0011 (0.0091)	0.0154 (0.0083)	0.0105 (0.0089)
Peace years since last conflict	-0.2430 (0.1423)	-0.2169 (0.1430)	-0.3379** (0.1210)	-0.2868* (0.1407)	-0.2474 (0.1306)	-0.1894 (0.1155)	-0.1514 (0.1112)	-0.3462** (0.0994)	-0.3497** (0.0993)	-0.0799 (0.1040)
Spline1 for peace years	-0.0037 (0.0040)	-0.0033 (0.0041)	-0.0025 (0.0014)	-0.0037 (0.0025)	-0.0030 (0.0025)	-0.0024 (0.0034)	-0.0017 (0.0033)	-0.0025* (0.0012)	-0.0046* (0.0019)	-0.0003 (0.0021)
Spline2 for peace years	0.0004 (0.0010)	0.0003 (0.0010)	0.0007 (0.0007)	0.0009 (0.0009)	0.0006 (0.0009)	0.0001 (0.0009)	-0.0001 (0.0008)	0.0007 (0.0007)	0.0012 (0.0007)	-0.0002 (0.0008)
Spline3 for peace years	0.0002 (0.0002)	0.0002 (0.0002)	0.0002 (0.0002)	-0.0000 (0.0002)	0.0001 (0.0002)	0.0002 (0.0002)	0.0002 (0.0002)	0.0002 (0.0002)	-0.0001 (0.0002)	0.0002 (0.0002)
Latin America										
Eastern Europe										
North Africa and Middle East										
Sub-Saharan Africa										
Asia										
Constant	-14.8530 (11.5312)	-10.8694 (11.8701)	-5.5443 (16.9660)	-35.9657* (16.1619)	-29.0679 (16.3615)	-17.3455 (11.1654)	-13.7013 (11.9571)	-2.3564 (18.0679)	-36.0454* (16.2469)	-25.9568 (17.4632)
Observations	6938	6865	6865	6034	5818	5980	5923	6204	5268	5076

Robust standard errors in parentheses. ** p<0.01, * p<0.05

Appendix Table 4e

Robustness checks for Table 2: Ethnicity matters for explaining armed conflict
 DV: Onset of civil conflict, including time controls using Rare Events logit

	Ongoing war years included					Ongoing war years dropped				
	41 ACD	42 ACD	43 ACD High intensity	44 Fearon and Laitin	45 Sambanis	46 ACD	47 ACD	48 ACD High intensity	49 Fearon and Laitin	50 Sambanis
<i>Ethnic politics variables</i>										
Excluded population	0.1876** (0.0513)	0.1275* (0.0556)	0.2705** (0.0832)	0.2459** (0.0777)	0.2734** (0.0806)	0.1865** (0.0567)	0.1420* (0.0604)	0.3143** (0.0891)	0.2654** (0.0803)	0.3119** (0.0804)
Center segmentation	0.0873** (0.0295)	0.0600 (0.0388)	0.0636 (0.0454)	0.0817 (0.0584)	0.0231 (0.0489)	0.0594 (0.0379)	0.0322 (0.0511)	0.0825 (0.0603)	0.1183 (0.0885)	0.0147 (0.0498)
Imperial past	0.2079 (0.2609)	0.4540 (0.2878)	0.6916 (0.4430)	0.7594* (0.3558)	0.5821 (0.3298)	0.2098 (0.2905)	0.4269 (0.3235)	0.6444 (0.4945)	0.6531 (0.3540)	0.6654 (0.3625)
<i>Other variables</i>										
Linguistic fractionalization		0.6241 (0.3220)	0.1225 (0.4586)	-0.0309 (0.4262)	0.0179 (0.3977)		0.5618 (0.3880)	-0.1965 (0.5387)	-0.0649 (0.4721)	-0.2311 (0.4878)
GDP per capita	-0.1213** (0.0271)	-0.1081** (0.0276)	-0.1998** (0.0545)	-0.1324** (0.0373)	-0.1729** (0.0470)	-0.1175** (0.0277)	-0.1032** (0.0274)	-0.1714** (0.0537)	-0.1314** (0.0371)	-0.1623** (0.0491)
Population size	0.1561** (0.0558)	0.1406** (0.0530)	0.0909 (0.0635)	0.2372** (0.0670)	0.2156** (0.0614)	0.1290* (0.0572)	0.0901 (0.0629)	0.0560 (0.0799)	0.2525** (0.0778)	0.1434* (0.0700)
Mountainous terrain		0.1230* (0.0600)	0.1958 (0.1114)	0.1574* (0.0791)	0.1304 (0.0763)		0.0920 (0.0629)	0.1777 (0.1083)	0.1661* (0.0797)	0.1385 (0.0868)
Political instability		0.3503* (0.1760)	0.4737 (0.2845)	0.2817 (0.2746)	0.2728 (0.2405)		0.4876* (0.1946)	0.5802 (0.2965)	0.2006 (0.2935)	0.2542 (0.2590)
Anocracy		0.4301** (0.1621)	0.3989 (0.2505)	0.7230** (0.2362)	0.6464** (0.1857)		0.4535** (0.1756)	0.2969 (0.2979)	0.6510** (0.2477)	0.6816** (0.2189)
Oil production per capita		0.0226** (0.0063)	0.1132** (0.0162)	0.0671** (0.0164)	0.0355** (0.0078)		0.0214** (0.0063)	0.0965** (0.0136)	0.0719** (0.0183)	0.0513** (0.0134)
Ongoing war	-0.9989** (0.3613)	-0.9847** (0.3724)	-1.3247** (0.4678)	-2.1652** (0.4265)	-1.4157** (0.4422)					
Calendar year	0.0059 (0.0052)	0.0046 (0.0053)	0.0019 (0.0068)	0.0215** (0.0075)	0.0202** (0.0075)	0.0091 (0.0051)	0.0075 (0.0052)	0.0039 (0.0069)	0.0254** (0.0068)	0.0202** (0.0076)
Peace years since last conflict	-0.2504 (0.1422)	-0.2270 (0.1431)	-0.3432** (0.1207)	-0.2976* (0.1396)	-0.2679* (0.1270)	-0.2026 (0.1128)	-0.1674 (0.1102)	-0.3570** (0.1000)	-0.3771** (0.0976)	-0.1076 (0.0972)
Spline1 for peace years	-0.0039 (0.0040)	-0.0035 (0.0041)	-0.0025 (0.0014)	-0.0038 (0.0025)	-0.0032 (0.0025)	-0.0027 (0.0033)	-0.0020 (0.0033)	-0.0026* (0.0012)	-0.0050** (0.0019)	-0.0006 (0.0020)
Spline2 for peace years	0.0004 (0.0010)	0.0004 (0.0010)	0.0007 (0.0007)	0.0010 (0.0009)	0.0006 (0.0009)	0.0002 (0.0008)	0.0000 (0.0008)	0.0008 (0.0007)	0.0013 (0.0007)	-0.0001 (0.0008)
Spline3 for peace years	0.0002 (0.0002)	0.0002 (0.0002)	0.0001 (0.0002)	-0.0001 (0.0003)	0.0001 (0.0002)	0.0002 (0.0002)	0.0002 (0.0002)	0.0001 (0.0002)	-0.0001 (0.0002)	0.0002 (0.0002)
Latin America										
Eastern Europe										
North Africa and Middle East										
Sub-Saharan Africa										
Asia										
Constant	-16.0138 (10.2469)	-14.1499 (10.4900)	-8.7728 (13.5100)	-48.8662** (14.6386)	-45.6975** (14.7698)	-22.0351* (10.1250)	-19.2989 (10.2884)	-12.4807 (13.4507)	-56.3906** (13.3841)	-45.6418** (14.8690)
Observations	6938	6865	6865	6034	5818	5980	5923	6204	5268	5076

Robust standard errors in parentheses. ** p<0.01, * p<0.05

Appendix Table 5a
 Robustness checks for Table 2: Ethnicity matters for explaining armed conflict
 DV: Onset of ethnic conflict, including time controls

	Ongoing war years included (replicates Table 2, models 6-9 in paper)				Ongoing war years dropped			
	1 ACD	2 ACD	3 ACD High intensity	4 Fearon and Laitin	5 ACD	6 ACD	7 ACD High intensity	8 Fearon and Laitin
<i>Ethnic politics variables</i>								
Excluded population	0.4192** (0.0862)	0.3191** (0.0875)	0.5347** (0.1351)	0.3667** (0.1214)	0.4559** (0.0994)	0.3810** (0.0994)	0.6809** (0.1525)	0.3482** (0.1143)
Center segmentation	0.1554** (0.0312)	0.1120** (0.0370)	0.1272* (0.0530)	0.0969 (0.0747)	0.1852** (0.0411)	0.1498** (0.0571)	0.2047** (0.0713)	0.0682 (0.0645)
Imperial past	0.6401 (0.4477)	0.9301* (0.4426)	1.1793 (0.6304)	1.5761** (0.4244)	1.1480 (0.6012)	1.3016* (0.5921)	1.4439 (0.7797)	1.6206** (0.4262)
<i>Other variables</i>								
Linguistic fractionalization		1.2800** (0.3997)	0.2563 (0.4974)	0.5990 (0.6156)		1.0111 (0.6003)	-0.4869 (0.6621)	0.5614 (0.5661)
GDP per capita	-0.1446** (0.0415)	-0.1256** (0.0448)	-0.1921** (0.0746)	-0.1554** (0.0585)	-0.1089** (0.0400)	-0.0930* (0.0422)	-0.1494* (0.0711)	-0.1529* (0.0611)
Population size	0.2171** (0.0714)	0.2102** (0.0656)	0.1884* (0.0757)	0.3609** (0.0894)	0.1710* (0.0863)	0.1740* (0.0876)	0.1561 (0.1040)	0.3461** (0.0887)
Mountainous terrain		0.1749 (0.0984)	0.3258* (0.1483)	0.0701 (0.1090)		0.0765 (0.1108)	0.2289 (0.1634)	0.0695 (0.1104)
Political instability		0.1544 (0.2726)	0.2979 (0.3958)	-0.0441 (0.3549)		0.3313 (0.2825)	0.4556 (0.4152)	-0.0702 (0.3359)
Anocracy		0.4469* (0.2263)	0.5681 (0.2929)	0.9738** (0.2614)		0.5720* (0.2869)	0.5640 (0.4232)	1.0183** (0.2614)
Oil production per capita		0.0180* (0.0091)	0.0277** (0.0083)	0.0064 (0.0284)		0.0169 (0.0097)	0.0272** (0.0093)	0.0038 (0.0381)
Ongoing war	0.0359 (0.6123)	-0.0697 (0.6166)	-0.7636 (0.6271)	-2.2861** (0.5551)				
Calendar year	0.0150* (0.0073)	0.0122 (0.0077)	0.0091 (0.0091)	0.0363** (0.0090)	0.0231** (0.0070)	0.0199* (0.0078)	0.0117 (0.0104)	0.0307** (0.0100)
Peace years since last conflict	0.0761 (0.2299)	0.0553 (0.2357)	-0.1467 (0.1685)	-0.2426 (0.1825)	0.1372 (0.1497)	0.1563 (0.1422)	0.0137 (0.1186)	0.2664* (0.1153)
Spline1 for peace years	0.0051 (0.0065)	0.0046 (0.0067)	0.0004 (0.0019)	-0.0031 (0.0032)	0.0066 (0.0046)	0.0070 (0.0044)	0.0019 (0.0016)	0.0043 (0.0024)
Spline2 for peace years	-0.0017 (0.0016)	-0.0016 (0.0016)	-0.0008 (0.0010)	0.0008 (0.0011)	-0.0020 (0.0012)	-0.0021 (0.0012)	-0.0015 (0.0009)	-0.0013 (0.0009)
Spline3 for peace years	0.0004 (0.0003)	0.0004 (0.0003)	0.0005 (0.0003)	-0.0001 (0.0003)	0.0005* (0.0002)	0.0005* (0.0002)	0.0007 (0.0003)	0.0003 (0.0003)
Latin America								
Eastern Europe								
North Africa and Middle East								
Sub-Saharan Africa								
Asia								
Constant	-37.1296* (14.6291)	-32.6393* (15.1798)	-26.7855 (17.9573)	-80.7809** (17.4279)	-53.4462** (13.9033)	-48.1180** (15.2944)	-32.6002 (20.2037)	-71.1914** (19.3289)
Observations	6938	6865	6865	6034	6262	6191	6415	6034

Robust standard errors in parentheses. ** p<0.01, * p<0.05

Appendix Table 5b
 Robustness checks for Table 2: Ethnicity matters for explaining armed conflict
 DV: Onset of ethnic conflict, no time controls

	Ongoing war years dropped				Ongoing war years dropped			
	9 ACD	10 ACD	11 ACD High intensity	12 Fearon and Laitin	13 ACD	14 ACD	15 ACD High intensity	16 Fearon and Laitin
<i>Ethnic politics variables</i>								
Excluded population	0.4292** (0.0878)	0.3132** (0.0858)	0.5272** (0.1368)	0.3539** (0.1224)	0.4642** (0.1020)	0.3685** (0.1015)	0.6702** (0.1603)	0.3431** (0.1202)
Center segmentation	0.1566** (0.0308)	0.1077** (0.0337)	0.1244* (0.0529)	0.0831 (0.0660)	0.1797** (0.0396)	0.1415** (0.0503)	0.1906** (0.0680)	0.0547 (0.0543)
Imperial past	0.5390 (0.4135)	0.7727 (0.4329)	1.0870 (0.6311)	1.4990** (0.4635)	1.0153* (0.5170)	1.0809* (0.5433)	1.3134 (0.7525)	1.4048** (0.4241)
<i>Other variables</i>								
Linguistic fractionalization		1.2887** (0.3910)	0.3180 (0.4932)	0.8271 (0.5829)		1.0654 (0.5709)	-0.3580 (0.6093)	0.7480 (0.5158)
GDP per capita	-0.1303** (0.0394)	-0.1076* (0.0430)	-0.1829* (0.0734)	-0.1408** (0.0529)	-0.0901** (0.0343)	-0.0703 (0.0368)	-0.1362* (0.0663)	-0.1250* (0.0515)
Population size	0.2338** (0.0705)	0.2396** (0.0630)	0.2003** (0.0720)	0.3655** (0.0866)	0.1940* (0.0778)	0.2128** (0.0791)	0.1808 (0.0928)	0.3186** (0.0808)
Mountainous terrain		0.1264 (0.1000)	0.2840 (0.1490)	0.0401 (0.1235)		0.0020 (0.1099)	0.1834 (0.1623)	0.0267 (0.1157)
Political instability		0.1460 (0.2755)	0.3192 (0.4047)	-0.0431 (0.3443)		0.3326 (0.2828)	0.4639 (0.4247)	-0.0880 (0.3308)
Anocracy		0.4938* (0.2245)	0.6951* (0.2796)	0.9531** (0.2601)		0.6127* (0.2818)	0.7195 (0.4015)	0.9315** (0.2442)
Oil production per capita		0.0160 (0.0096)	0.0283** (0.0084)	0.0091 (0.0237)		0.0132 (0.0102)	0.0260* (0.0104)	0.0017 (0.0319)
Ongoing war	0.2054 (0.2798)	0.0963 (0.2824)	0.2075 (0.3307)	-0.9986** (0.3123)				
Calendar year								
Peace years since last conflict								
Spline1 for peace years								
Spline2 for peace years								
Spline3 for peace years								
Latin America								
Eastern Europe								
North Africa and Middle East								
Sub-Saharan Africa								
Asia								
Constant	-7.6702** (0.7367)	-8.6562** (0.7456)	-9.7468** (1.0056)	-10.0472** (1.0246)	-7.8442** (0.8202)	-8.6041** (0.8694)	-9.8476** (1.2105)	-9.5957** (0.9914)
Observations	6938	6865	6865	6034	6262	6191	6415	6034

Robust standard errors in parentheses. ** p<0.01, * p<0.05

Appendix Table 5c
 Robustness checks for Table 2: Ethnicity matters for explaining armed conflict
 DV: Onset of ethnic conflict, including time and region controls

	Ongoing war years included				Ongoing war years dropped			
	17 ACD	18 ACD	19 ACD High intensity	20 Fearon and Laitin	21 ACD	22 ACD	23 ACD High intensity	24 Fearon and Laitin
<i>Ethnic politics variables</i>								
Excluded population	0.4283** (0.0976)	0.3430** (0.0980)	0.5443** (0.1528)	0.3612** (0.1122)	0.4266** (0.1013)	0.3663** (0.1032)	0.6486** (0.1629)	0.3337** (0.1080)
Center segmentation	0.1564** (0.0297)	0.1153** (0.0370)	0.1292* (0.0564)	0.1086 (0.0799)	0.1722** (0.0428)	0.1450* (0.0571)	0.1944* (0.0772)	0.0806 (0.0691)
Imperial past	0.2540 (0.5287)	0.5864 (0.5492)	0.5892 (0.7351)	1.2252* (0.5067)	1.0968 (0.8228)	1.3199 (0.7949)	0.9802 (0.9364)	1.1801* (0.4766)
<i>Other variables</i>								
Linguistic fractionalization		1.3820* (0.5595)	0.2249 (0.5533)	-0.0644 (0.7673)		1.1612 (0.9248)	-0.5631 (0.7805)	-0.0294 (0.7280)
GDP per capita	-0.1295** (0.0404)	-0.1375** (0.0433)	-0.1691* (0.0862)	-0.0960 (0.0565)	-0.1107** (0.0423)	-0.1186** (0.0457)	-0.1394 (0.0774)	-0.1061 (0.0606)
Population size	0.1913* (0.0767)	0.1867* (0.0727)	0.1938* (0.0865)	0.3717** (0.0903)	0.2339** (0.0854)	0.2144* (0.0886)	0.2250* (0.1058)	0.3674** (0.0872)
Mountainous terrain		0.1417 (0.1072)	0.2812 (0.1450)	0.1213 (0.1061)		0.1110 (0.1460)	0.2502 (0.1818)	0.1186 (0.1094)
Political instability		0.1726 (0.2676)	0.3343 (0.3871)	-0.0398 (0.3585)		0.3342 (0.2831)	0.4842 (0.4124)	-0.0665 (0.3360)
Anocracy		0.4768* (0.2224)	0.6075* (0.3047)	1.0339** (0.2618)		0.5636 (0.2892)	0.5764 (0.4480)	1.0768** (0.2635)
Oil production per capita		0.0172* (0.0080)	0.0230* (0.0092)	0.0082 (0.0188)		0.0178* (0.0088)	0.0245* (0.0111)	0.0087 (0.0236)
Ongoing war	0.0370 (0.6070)	-0.0553 (0.6140)	-0.7255 (0.6367)	-2.3414** (0.5411)				
Calendar year	0.0133 (0.0074)	0.0115 (0.0076)	0.0045 (0.0099)	0.0323** (0.0090)	0.0205** (0.0076)	0.0187* (0.0082)	0.0046 (0.0103)	0.0246** (0.0092)
Peace years since last conflict	0.0716 (0.2314)	0.0504 (0.2369)	-0.1513 (0.1682)	-0.2617 (0.1809)	0.1187 (0.1521)	0.1421 (0.1470)	-0.0244 (0.1201)	0.2487* (0.1194)
Spline1 for peace years	0.0050 (0.0066)	0.0045 (0.0067)	0.0002 (0.0019)	-0.0034 (0.0032)	0.0062 (0.0047)	0.0067 (0.0046)	0.0014 (0.0017)	0.0040 (0.0025)
Spline2 for peace years	-0.0017 (0.0016)	-0.0016 (0.0016)	-0.0007 (0.0010)	0.0010 (0.0011)	-0.0019 (0.0012)	-0.0021 (0.0012)	-0.0013 (0.0009)	-0.0012 (0.0009)
Spline3 for peace years	0.0004 (0.0003)	0.0004 (0.0003)	0.0005 (0.0003)	-0.0002 (0.0003)	0.0005* (0.0002)	0.0005* (0.0002)	0.0006 (0.0003)	0.0002 (0.0003)
Latin America	-0.7122 (0.7677)	-1.0462 (0.7862)	12.5662** (0.7963)	-1.4217 (1.3654)	-0.5368 (0.8468)	-0.8514 (0.8604)	12.9563 (20.0662)	-1.4840 (1.3508)
Eastern Europe	0.3578 (0.7703)	0.0117 (0.7777)	14.1140 (0.0000)	0.0269 (1.1615)	-0.1368 (0.9836)	-0.4613 (1.0027)	14.3146 (20.1085)	0.2705 (1.1467)
North Africa and Middle East	0.0902 (0.8176)	-0.1814 (0.7576)	13.8881** (0.4101)	0.1045 (1.1333)	0.0552 (1.0560)	-0.2561 (1.0288)	14.0842 (20.0526)	0.1343 (1.1167)
Sub-Saharan Africa	0.1165 (0.7649)	-0.4849 (0.8347)	13.6138** (0.4854)	0.8051 (1.2644)	0.0346 (0.9330)	-0.5833 (1.0552)	14.0484 (20.0567)	0.7713 (1.2763)
Asia	0.2857 (0.7766)	-0.2242 (0.8061)	13.6988** (0.4624)	0.3514 (1.1890)	-0.5327 (0.9743)	-1.0071 (0.9777)	13.4720 (19.9451)	0.2805 (1.1722)
Constant	-33.5183* (14.6755)	-30.4891* (14.9511)	-31.0531 (19.4908)	-73.0238** (17.4297)	-48.4899** (14.7184)	-45.5171** (15.9651)	-32.5058 (0.0000)	-59.2994** (17.8704)
Observations	6938	6865	6865	6034	6262	6191	6415	6034

Robust standard errors in parentheses. ** p<0.01, * p<0.05

Appendix Table 5d

Robustness checks for Table 2: Ethnicity matters for explaining armed conflict
 DV: Onset of ethnic conflict, including time controls and number of past conflicts

	Ongoing war years included				Ongoing war years dropped			
	25 ACD	26 ACD	27 ACD High intensity	28 Fearon and Laitin	29 ACD	30 ACD	31 ACD High intensity	32 Fearon and Laitin
<i>Ethnic politics variables</i>								
Excluded population	0.4232** (0.0872)	0.3217** (0.0891)	0.5364** (0.1354)	0.3575** (0.1205)	0.4613** (0.0982)	0.3857** (0.1008)	0.6801** (0.1524)	0.3449** (0.1134)
Center segmentation	0.1631** (0.0397)	0.1166** (0.0441)	0.1328* (0.0583)	0.0759 (0.0782)	0.1908** (0.0441)	0.1544* (0.0617)	0.2037** (0.0755)	0.0563 (0.0678)
Imperial past	0.6142 (0.4582)	0.9125* (0.4506)	1.1589 (0.6597)	1.6567** (0.4450)	1.1241 (0.6136)	1.2798* (0.6080)	1.4474 (0.7757)	1.6698** (0.4429)
<i>Other variables</i>								
Number of past conflicts	-0.0356 (0.0830)	-0.0231 (0.0872)	-0.0268 (0.1314)	0.1027 (0.1060)	-0.0516 (0.1570)	-0.0423 (0.1656)	0.0069 (0.1639)	0.0599 (0.0997)
Linguistic fractionalization		1.2770** (0.3993)	0.2613 (0.5021)	0.5893 (0.6030)		0.9988 (0.6163)	-0.4866 (0.6628)	0.5458 (0.5578)
GDP per capita	-0.1463** (0.0412)	-0.1266** (0.0446)	-0.1940* (0.0771)	-0.1471* (0.0582)	-0.1112** (0.0398)	-0.0949* (0.0423)	-0.1489* (0.0729)	-0.1481* (0.0604)
Population size	0.2353** (0.0777)	0.2222** (0.0814)	0.2022* (0.0952)	0.3084** (0.1046)	0.1913 (0.1067)	0.1911 (0.1198)	0.1533 (0.1146)	0.3166** (0.1013)
Mountainous terrain		0.1740 (0.0981)	0.3224* (0.1453)	0.0785 (0.1130)		0.0739 (0.1126)	0.2294 (0.1635)	0.0733 (0.1132)
Political instability		0.1483 (0.2723)	0.2901 (0.4046)	-0.0227 (0.3585)		0.3239 (0.2838)	0.4572 (0.4153)	-0.0568 (0.3405)
Anocracy		0.4423* (0.2212)	0.5655 (0.2928)	0.9771** (0.2611)		0.5747* (0.2896)	0.5630 (0.4236)	1.0233** (0.2609)
Oil production per capita		0.0183* (0.0091)	0.0280** (0.0084)	-0.0002 (0.0400)		0.0174 (0.0094)	0.0271** (0.0092)	-0.0002 (0.0436)
Ongoing war	0.0640 (0.6232)	-0.0503 (0.6252)	-0.7368 (0.6555)	-2.3635** (0.5598)				
Calendar year	0.0165 (0.0087)	0.0131 (0.0088)	0.0102 (0.0119)	0.0322** (0.0100)	0.0247** (0.0074)	0.0212** (0.0081)	0.0115 (0.0138)	0.0283* (0.0110)
Peace years since last conflict	0.0731 (0.2293)	0.0528 (0.2347)	-0.1479 (0.1685)	-0.2365 (0.1829)	0.1301 (0.1535)	0.1481 (0.1475)	0.0144 (0.1181)	0.2797* (0.1163)
Spline1 for peace years	0.0051 (0.0065)	0.0046 (0.0067)	0.0003 (0.0019)	-0.0030 (0.0032)	0.0065 (0.0047)	0.0069 (0.0045)	0.0019 (0.0016)	0.0045 (0.0024)
Spline2 for peace years	-0.0017 (0.0016)	-0.0016 (0.0016)	-0.0008 (0.0010)	0.0008 (0.0011)	-0.0020 (0.0012)	-0.0021 (0.0012)	-0.0015 (0.0009)	-0.0014 (0.0009)
Spline3 for peace years	0.0004 (0.0003)	0.0004 (0.0003)	0.0005 (0.0003)	-0.0001 (0.0003)	0.0005* (0.0002)	0.0005* (0.0002)	0.0007 (0.0003)	0.0003 (0.0003)
Latin America								
Eastern Europe								
North Africa and Middle East								
Sub-Saharan Africa								
Asia								
Constant	-40.1843* (17.5709)	-34.5333 (17.7564)	-29.0721 (23.6087)	-72.2836** (19.5818)	-56.7649** (14.7511)	-50.6848** (16.0926)	-32.0663 (27.1872)	-66.2468** (21.4979)
Observations	6938	6865	6865	6034	6262	6191	6415	6034

Robust standard errors in parentheses. ** p<0.01, * p<0.05

Appendix Table 5e

Robustness checks for Table 2: Ethnicity matters for explaining armed conflict
 DV: Onset of ethnic conflict, including time controls using Rare Events logit

	Ongoing war years dropped				Ongoing war years dropped			
	33 ACD	34 ACD	35 ACD High intensity	36 Fearon and Laitin	37 ACD	38 ACD	39 ACD High intensity	40 Fearon and Laitin
<i>Ethnic politics variables</i>								
Excluded population	0.4142** (0.0861)	0.3082** (0.0873)	0.5108** (0.1348)	0.3376** (0.1211)	0.4494** (0.0992)	0.3672** (0.0992)	0.6500** (0.1521)	0.3224** (0.1140)
Center segmentation	0.1556** (0.0311)	0.1113** (0.0369)	0.1321* (0.0529)	0.0990 (0.0745)	0.1881** (0.0410)	0.1489** (0.0569)	0.2107** (0.0711)	0.0708 (0.0644)
Imperial past	0.6352 (0.4469)	0.9113* (0.4415)	1.1454 (0.6289)	1.5112** (0.4232)	1.1295 (0.6001)	1.2722* (0.5906)	1.3711 (0.7778)	1.5545** (0.4251)
<i>Other variables</i>								
Linguistic fractionalization		1.2730** (0.3987)	0.2332 (0.4962)	0.6223 (0.6139)		1.0139 (0.5988)	-0.5010 (0.6605)	0.5656 (0.5646)
GDP per capita	-0.1382** (0.0415)	-0.1290** (0.0447)	-0.1883* (0.0744)	-0.1714** (0.0584)	-0.1021* (0.0399)	-0.0989* (0.0421)	-0.1495* (0.0709)	-0.1623** (0.0609)
Population size	0.2171** (0.0713)	0.2113** (0.0654)	0.1909* (0.0755)	0.3587** (0.0892)	0.1731* (0.0862)	0.1778* (0.0874)	0.1623 (0.1038)	0.3463** (0.0885)
Mountainous terrain		0.1758 (0.0982)	0.3226* (0.1479)	0.0787 (0.1087)		0.0789 (0.1105)	0.2199 (0.1630)	0.0757 (0.1101)
Political instability		0.1696 (0.2720)	0.3206 (0.3949)	-0.0239 (0.3539)		0.3391 (0.2818)	0.4686 (0.4142)	-0.0501 (0.3350)
Anocracy		0.4515* (0.2257)	0.5690 (0.2921)	0.9773** (0.2607)		0.5748* (0.2862)	0.5621 (0.4221)	1.0183** (0.2607)
Oil production per capita		0.0620** (0.0090)	0.0771** (0.0082)	0.1712** (0.0283)		0.0555** (0.0097)	0.0830** (0.0092)	0.1398** (0.0380)
Ongoing war	-0.0333 (0.6113)	-0.1550 (0.6151)	-0.8374 (0.6255)	-2.2987** (0.5536)				
Calendar year	0.0148* (0.0073)	0.0119 (0.0076)	0.0089 (0.0091)	0.0351** (0.0090)	0.0226** (0.0070)	0.0193* (0.0078)	0.0111 (0.0104)	0.0296** (0.0099)
Peace years since last conflict	0.0535 (0.2295)	0.0329 (0.2351)	-0.1604 (0.1681)	-0.2534 (0.1820)	0.1263 (0.1495)	0.1488 (0.1418)	0.0049 (0.1183)	0.2621* (0.1150)
Spline1 for peace years	0.0044 (0.0065)	0.0040 (0.0067)	0.0001 (0.0019)	-0.0033 (0.0032)	0.0061 (0.0046)	0.0067 (0.0044)	0.0017 (0.0016)	0.0042 (0.0024)
Spline2 for peace years	-0.0015 (0.0016)	-0.0014 (0.0016)	-0.0006 (0.0010)	0.0009 (0.0011)	-0.0019 (0.0012)	-0.0020 (0.0012)	-0.0013 (0.0009)	-0.0013 (0.0009)
Spline3 for peace years	0.0004 (0.0003)	0.0004 (0.0003)	0.0004 (0.0003)	-0.0001 (0.0003)	0.0004 (0.0002)	0.0004 (0.0002)	0.0006 (0.0003)	0.0002 (0.0003)
Latin America								
Eastern Europe								
North Africa and Middle East								
Sub-Saharan Africa								
Asia								
Constant	-36.4818* (14.6039)	-31.8726* (15.1423)	-26.1246 (17.9129)	-78.1012** (17.3789)	-52.4697** (13.8789)	-46.7584** (15.2550)	-31.1435 (20.1535)	-68.8738** (19.2778)
Observations	6938	6865	6865	6034	6262	6191	6415	6034

Robust standard errors in parentheses. ** p<0.01, * p<0.05

Appendix Table 6a
 Robustness checks for Table 2: Explaining onsets of ethnic conflict by actor type
 DV: Onset of ethnic conflict by type (infighting and rebellion), including time controls

	Ongoing war years included (replicates Table 3 in paper)				Ongoing war years dropped			
	1		2		3		4	
	Infighting by power holders	Rebellion by excluded	Infighting by power holders	Rebellion by excluded	Infighting by power holders	Rebellion by excluded	Infighting by power holders	Rebellion by excluded
<i>Ethnic politics variables</i>								
Excluded population	-0.0379 (0.1659)	0.5212** (0.0808)	-0.3146 (0.1802)	0.5146** (0.0848)	-0.0681 (0.1886)	0.5758** (0.0962)	-0.3278 (0.2226)	0.6053** (0.1032)
Center segmentation	0.3583** (0.0568)	0.0468 (0.0387)	0.3285** (0.0684)	0.0648 (0.0433)	0.3449** (0.0727)	0.0939 (0.0770)	0.3260** (0.0761)	0.1278 (0.0837)
Imperial past	2.8363 (1.5424)	0.4000 (0.4405)	3.7934* (1.8819)	0.4520 (0.4836)	2.8035 (1.7071)	0.8460 (0.6041)	4.0057 (2.0835)	0.7620 (0.6216)
<i>Other variables</i>								
Linguistic fractionalization	-0.8215 (1.1411)	1.5463** (0.4868)	1.1132 (1.1328)	1.4589** (0.4450)	-1.2125 (1.3319)	1.4851* (0.6090)	0.5628 (1.3412)	1.1498 (0.6438)
GDP per capita	-0.2628 (0.1493)	-0.0921* (0.0391)	-0.2148 (0.1248)	-0.0967* (0.0437)	-0.2469 (0.1410)	-0.0550 (0.0348)	-0.1823 (0.1048)	-0.0578 (0.0401)
Population size	-0.2531* (0.1184)	0.3832** (0.0765)	-0.4172** (0.1517)	0.3818** (0.0826)	-0.3583* (0.1546)	0.3526** (0.0971)	-0.6116** (0.1770)	0.3553** (0.1012)
Mountainous terrain			0.6026** (0.2179)	0.0767 (0.1189)			0.5417* (0.2170)	0.0023 (0.1309)
Political instability			0.1255 (0.6731)	0.1751 (0.3150)			0.4076 (0.7239)	0.3435 (0.3448)
Anocracy			0.4277 (0.4815)	0.4566 (0.2374)			0.7130 (0.5167)	0.5936 (0.3185)
Oil production per capita			0.0198 (0.0113)	0.0196 (0.0116)			0.0156 (0.0121)	0.0154 (0.0137)
Ongoing war	0.5618 (1.2172)	-0.0881 (0.6913)	0.2301 (1.1056)	-0.1307 (0.6827)				
Calendar year	0.0441* (0.0187)	0.0069 (0.0081)	0.0409* (0.0209)	0.0079 (0.0083)	0.0553** (0.0157)	0.0156* (0.0080)	0.0508** (0.0156)	0.0163 (0.0086)
Peace years since last conflict	0.3107 (0.4033)	0.0214 (0.2761)	0.1033 (0.3704)	0.0412 (0.2719)	0.4434 (0.3308)	-0.1703 (0.1743)	0.2766 (0.3100)	-0.1237 (0.1731)
Spline1 for peace years	0.0096 (0.0115)	0.0039 (0.0077)	0.0043 (0.0116)	0.0045 (0.0076)	0.0130 (0.0101)	-0.0010 (0.0052)	0.0087 (0.0105)	0.0003 (0.0051)
Spline2 for peace years	-0.0027 (0.0028)	-0.0014 (0.0019)	-0.0016 (0.0030)	-0.0015 (0.0018)	-0.0034 (0.0026)	-0.0003 (0.0013)	-0.0026 (0.0027)	-0.0006 (0.0013)
Spline3 for peace years	0.0005 (0.0005)	0.0004 (0.0003)	0.0005 (0.0005)	0.0004 (0.0003)	0.0006 (0.0005)	0.0003 (0.0002)	0.0006 (0.0005)	0.0003 (0.0002)
Latin America								
Eastern Europe								
North Africa and Middle East								
Sub-Saharan Africa								
Asia								
Constant	-93.2683* (37.7776)	-23.6030 (15.9535)	-88.1487* (42.1082)	-26.0182 (16.3912)	-114.7147** (31.7974)	-40.7548** (15.6133)	-106.3782** (31.5310)	-42.2859* (16.9066)
Observations	6935	6935	6865	6865	5977	5977	5923	5923

Robust standard errors in parentheses. ** p<0.01, * p<0.05

Appendix Table 6b
 Robustness checks for Table 2: Explaining onsets of ethnic conflict by actor type
 DV: Onset of ethnic conflict by type (infighting and rebellion), no time controls

	Ongoing war years included				Ongoing war years dropped			
	5		6		7		8	
	Infighting by power holders	Rebellion by excluded	Infighting by power holders	Rebellion by excluded	Infighting by power holders	Rebellion by excluded	Infighting by power holders	Rebellion by excluded
<i>Ethnic politics variables</i>								
Excluded population	-0.1108 (0.1570)	0.5255** (0.0788)	-0.3820* (0.1929)	0.5145** (0.0824)	-0.1632 (0.1786)	0.5807** (0.0953)	-0.4462 (0.2355)	0.6045** (0.1030)
Center segmentation	0.3159** (0.0511)	0.0478 (0.0373)	0.2819** (0.0629)	0.0649 (0.0422)	0.2913** (0.0687)	0.1042 (0.0751)	0.2507** (0.0707)	0.1331 (0.0840)
Imperial past	1.5801 (1.0327)	0.3794 (0.4377)	2.1088 (1.1102)	0.3792 (0.4885)	1.6817 (1.0984)	0.8660 (0.5913)	2.2693* (1.1250)	0.7155 (0.6320)
<i>Other variables</i>								
Linguistic fractionalization	-0.2376 (1.0471)	1.5728** (0.4705)	1.2868 (0.9872)	1.4448** (0.4458)	-0.3500 (1.1843)	1.6176** (0.6261)	1.1137 (0.9952)	1.1857 (0.6744)
GDP per capita	-0.1778 (0.1206)	-0.0845* (0.0376)	-0.1350 (0.1093)	-0.0886* (0.0423)	-0.1598 (0.1122)	-0.0510 (0.0319)	-0.1069 (0.0953)	-0.0548 (0.0392)
Population size	-0.2238 (0.1186)	0.3933** (0.0761)	-0.3337* (0.1303)	0.3998** (0.0819)	-0.2881* (0.1467)	0.3730** (0.0938)	-0.4575** (0.1545)	0.3899** (0.0978)
Mountainous terrain			0.4798* (0.2105)	0.0430 (0.1175)			0.4254* (0.2053)	-0.0683 (0.1269)
Political instability			0.1803 (0.6666)	0.1584 (0.3195)			0.5053 (0.6893)	0.3446 (0.3564)
Anocracy			0.5948 (0.5742)	0.4886* (0.2339)			0.8457 (0.5879)	0.6848* (0.3281)
Oil production per capita			0.0103 (0.0104)	0.0183 (0.0130)			0.0058 (0.0109)	0.0145 (0.0141)
Ongoing war	-0.0876 (0.5663)	0.2307 (0.2982)	-0.0310 (0.5479)	0.1691 (0.2943)				
Calendar year								
Peace years since last conflict								
Spline1 for peace years								
Spline2 for peace years								
Spline3 for peace years								
Latin America								
Eastern Europe								
North Africa and Middle East								
Sub-Saharan Africa								
Asia								
Constant	-4.7424** (1.3460)	-10.4427** (0.8544)	-5.8478** (1.3978)	-10.7092** (0.8536)	-4.1320* (1.6518)	-10.8405** (0.9975)	-4.7576** (1.5785)	-10.9366** (1.0017)
Observations	6935	6935	6865	6865	5977	5977	5923	5923

Robust standard errors in parentheses. ** p<0.01, * p<0.05

Appendix Table 6c
 Robustness checks for Table 2: Explaining onsets of ethnic conflict by actor type
 DV: Onset of ethnic conflict by type (infighting and rebellion), including time and region controls

	Ongoing war years included				Ongoing war years dropped			
	9		10		11		12	
	Infighting by power holders	Rebellion by excluded	Infighting by power holders	Rebellion by excluded	Infighting by power holders	Rebellion by excluded	Infighting by power holders	Rebellion by excluded
<i>Ethnic politics variables</i>								
Excluded population	-0.1235 (0.1715)	0.5941** (0.0977)	-0.3695 (0.1923)	0.5956** (0.0981)	-0.1434 (0.1824)	0.5837** (0.0991)	-0.3487 (0.2172)	0.6256** (0.1074)
Center segmentation	0.3147** (0.0659)	0.0546 (0.0386)	0.3238** (0.0815)	0.0772 (0.0435)	0.2876** (0.0715)	0.0877 (0.0748)	0.3069** (0.0797)	0.1263 (0.0826)
Imperial past	2.3576 (1.7638)	0.1166 (0.4776)	3.7526 (1.9725)	0.0097 (0.5467)	2.6349 (2.0386)	0.8371 (0.7451)	4.5317* (2.1532)	0.6622 (0.8135)
<i>Other variables</i>								
Linguistic fractionalization	1.2420 (3.2741)	1.8555** (0.6630)	1.9824 (3.1807)	1.5728** (0.6085)	0.6796 (3.8280)	2.0441* (1.0235)	1.6348 (3.5472)	1.5615 (1.0146)
GDP per capita	-0.3711 (0.1912)	-0.0997* (0.0403)	-0.2796 (0.1451)	-0.1046* (0.0408)	-0.2777* (0.1360)	-0.0831 (0.0436)	-0.1924 (0.1073)	-0.0898* (0.0452)
Population size	-0.3391 (0.1817)	0.3176** (0.0826)	-0.4480* (0.2209)	0.3349** (0.0890)	-0.3717 (0.2083)	0.3519** (0.0995)	-0.5883* (0.2822)	0.3664** (0.1066)
Mountainous terrain			0.6202* (0.3041)	0.0122 (0.1229)			0.6528* (0.2736)	-0.0271 (0.1705)
Political instability			0.1542 (0.6663)	0.2057 (0.3086)			0.4812 (0.7063)	0.3651 (0.3500)
Anocracy			0.3463 (0.5687)	0.5116* (0.2346)			0.5191 (0.6807)	0.6222 (0.3219)
Oil production per capita			0.0204 (0.0203)	0.0202* (0.0089)			0.0131 (0.0241)	0.0188 (0.0109)
Ongoing war	0.5638 (1.1963)	-0.1007 (0.6834)	0.2247 (1.0751)	-0.0958 (0.6807)				
Calendar year	0.0479* (0.0190)	0.0081 (0.0078)	0.0423 (0.0232)	0.0079 (0.0079)	0.0551** (0.0190)	0.0162* (0.0079)	0.0504* (0.0246)	0.0161 (0.0086)
Peace years since last conflict	0.2805 (0.3925)	0.0160 (0.2780)	0.0824 (0.3635)	0.0444 (0.2744)	0.4410 (0.3171)	-0.1755 (0.1758)	0.2697 (0.2962)	-0.1269 (0.1742)
Spline1 for peace years	0.0086 (0.0112)	0.0038 (0.0078)	0.0035 (0.0116)	0.0046 (0.0077)	0.0130 (0.0097)	-0.0011 (0.0052)	0.0085 (0.0102)	0.0002 (0.0051)
Spline2 for peace years	-0.0025 (0.0028)	-0.0014 (0.0019)	-0.0014 (0.0030)	-0.0016 (0.0019)	-0.0035 (0.0025)	-0.0003 (0.0013)	-0.0026 (0.0027)	-0.0006 (0.0013)
Spline3 for peace years	0.0005 (0.0005)	0.0004 (0.0003)	0.0005 (0.0005)	0.0004 (0.0003)	0.0007 (0.0005)	0.0003 (0.0002)	0.0006 (0.0005)	0.0003 (0.0002)
Latin America	14.9462 (38.4763)	-0.9727 (0.8133)	15.5457 (46.0300)	-1.2149 (0.7831)	15.6828 (38.1218)	-0.6466 (0.9024)	17.3068 (48.1822)	-0.9827 (0.8530)
Eastern Europe	14.9084 (39.2198)	0.2576 (0.7968)	14.9919 (46.8325)	0.1600 (0.7820)	15.3465 (38.8994)	-0.1937 (1.0361)	16.3456 (48.7150)	-0.3386 (1.0404)
North Africa and Middle East	15.3744 (38.5150)	-0.1391 (0.7928)	14.7545 (45.9937)	-0.2885 (0.7582)	16.4604 (38.0530)	-0.0160 (1.0911)	16.8476 (47.7000)	-0.2467 (1.0793)
Sub-Saharan Africa	13.2800 (39.7036)	-0.5238 (0.8281)	14.0492 (47.4449)	-0.5911 (0.8142)	14.6557 (39.7094)	-0.7567 (1.0497)	16.2857 (49.8710)	-0.9212 (1.0439)
Asia	14.2180 (39.3824)	0.0707 (0.7943)	14.1641 (47.0842)	-0.0454 (0.7846)	14.7205 (38.7142)	-0.5535 (1.0048)	15.4326 (48.8555)	-0.7934 (1.0114)
Constant	-114.5725 (0.0000)	-25.3842 (15.3633)	-105.1345 (0.0000)	-25.1347 (15.5308)	-129.9459 (0.0000)	-41.5120** (15.2563)	-123.2496 (0.0000)	-41.4348* (16.5449)
Observations	6935	6935	6865	6865	5977	5977	5923	5923

Robust standard errors in parentheses. ** p<0.01, * p<0.05

Appendix Table 7a
 Robustness checks for Table 4: Explaining onsets of ethnic conflict by actor type
 DV: Onset of ethnic conflict by actor and aim, including time controls

	Ongoing war years included								Ongoing war years dropped							
	1				2 (replicates Table 4 in paper)				3				4			
	Secession by power holders	Secession by excluded	Infighting by power holders	Rebellion by excluded	Secession by power holders	Secession by excluded	Infighting by power holders	Rebellion by excluded	Secession by power holders	Secession by excluded	Infighting by power holders	Rebellion by excluded	Secession by power holders	Secession by excluded	Infighting by power holders	Rebellion by excluded
<i>Ethnic politics variables</i>																
Excluded population	0.2576 (0.3100)	0.3136** (0.1119)	-0.1541 (0.2217)	0.7207** (0.1303)	-0.2032 (0.3306)	0.2554* (0.1109)	-0.4504 (0.3156)	0.7501** (0.1277)	0.2338 (0.3181)	0.3358** (0.1270)	-0.2010 (0.2551)	0.7080** (0.1413)	0.0155 (0.2716)	0.3481* (0.1392)	-0.5585 (0.4325)	0.7665** (0.1441)
Center segmentation	0.5745** (0.1386)	-0.0120 (0.0364)	0.3129** (0.0958)	0.0526 (0.0962)	0.4956** (0.1164)	0.0008 (0.0417)	0.3176** (0.0960)	0.0689 (0.1001)	0.5150** (0.1694)	0.0141 (0.0919)	0.3612** (0.1039)	0.1238 (0.1233)	0.4470** (0.1536)	0.0568 (0.1023)	0.3787** (0.1154)	0.1662 (0.1290)
Imperial past	13.2111** (3.8934)	1.5563 (0.9976)	0.6913 (1.2838)	-0.6137 (0.7215)	14.6269** (2.8503)	1.9524* (0.8152)	1.1870 (1.6311)	-0.8041 (0.7777)	11.0713** (3.7842)	3.3782** (1.0901)	1.0747 (1.5393)	-0.7222 (0.8939)	11.4021** (2.8605)	3.3013** (1.0548)	1.9873 (2.1680)	-0.8254 (0.9633)
<i>Other variables</i>																
Linguistic fractionalization	-0.8256 (1.8082)	1.7657** (0.6791)	-1.0875 (1.6961)	1.2688 (0.8772)	1.4433 (1.2707)	1.9997** (0.6431)	0.9991 (1.6116)	0.9796 (0.8709)	-1.1127 (1.8391)	1.7289 (0.8958)	-1.4383 (1.8308)	1.4368 (1.2007)	0.2196 (1.1450)	1.2332 (0.9264)	0.5250 (2.0738)	1.1602 (1.2722)
GDP per capita	-0.4672* (0.2151)	-0.0334 (0.0474)	-0.2832 (0.2490)	-0.1705* (0.0815)	-0.6017 (0.3302)	-0.0226 (0.0584)	-0.1914 (0.1750)	-0.1833* (0.0814)	-0.3894* (0.1777)	0.0018 (0.0414)	-0.2457 (0.2162)	-0.1175 (0.0680)	-0.4634 (0.3248)	0.0068 (0.0629)	-0.1430 (0.1331)	-0.1228 (0.0661)
Population size	-0.2108 (0.1746)	0.5483** (0.1144)	-0.4306* (0.1848)	0.1937 (0.1173)	-0.1882 (0.1925)	0.4835** (0.1256)	-0.7321** (0.1841)	0.2498 (0.1329)	-0.2503 (0.1991)	0.5710** (0.1255)	-0.4646* (0.2128)	0.1452 (0.1454)	-0.3360 (0.2411)	0.5571** (0.1329)	-0.8134** (0.2094)	0.1600 (0.1632)
Mountainous terrain					0.6948 (0.3751)	0.3943 (0.2211)	0.5656* (0.2815)	-0.0913 (0.1608)					0.4004 (0.4421)	0.0433 (0.2051)	0.5907 (0.3085)	-0.0245 (0.1852)
Political instability					-35.250** (0.6728)	0.3655 (0.5128)	1.0312 (0.7487)	0.0291 (0.4485)					-41.995** (0.7458)	0.5009 (0.6352)	1.1665 (0.7871)	0.2621 (0.5056)
Anocracy					1.4050 (0.9854)	0.2931 (0.3892)	0.0115 (0.7129)	0.6333 (0.3639)					1.4103 (1.2166)	0.5680 (0.5431)	0.3403 (0.7058)	0.6308 (0.4734)
Oil production per capita					-0.3692 (0.4031)	0.0016 (0.0452)	0.0126 (0.0088)	0.0296** (0.0085)					-0.2362 (0.4535)	-0.0020 (0.0369)	0.0114 (0.0090)	0.0267** (0.0078)
Ongoing war	3.1974 (2.6581)	-0.1486 (1.0980)	-0.4537 (1.6849)	-0.0672 (0.8797)	2.6879 (2.9776)	-0.1664 (1.0923)	-0.5972 (1.7814)	-0.0502 (0.9068)								
Calendar year	0.1228** (0.0198)	-0.0011 (0.0120)	0.0193 (0.0294)	0.0210* (0.0107)	0.1347** (0.0196)	0.0012 (0.0113)	-0.0072 (0.0347)	0.0181 (0.0119)	0.1231** (0.0257)	0.0103 (0.0131)	0.0402* (0.0197)	0.0282** (0.0092)	0.1300** (0.0385)	0.0110 (0.0132)	0.0184 (0.0202)	0.0270* (0.0107)
Peace years since last conflict	1.0337 (0.8278)	-0.1104 (0.4496)	0.1950 (0.4550)	0.1562 (0.3274)	0.9721 (1.0367)	-0.1063 (0.4530)	-0.1573 (0.4326)	0.1953 (0.3263)	1.0057 (0.7114)	-0.2603 (0.3010)	0.3608 (0.3873)	-0.0669 (0.2133)	1.0015 (0.7972)	-0.2174 (0.2850)	0.0563 (0.3877)	-0.0097 (0.2217)
Spline1 for peace years	0.0230 (0.0229)	-0.0003 (0.0121)	0.0092 (0.0137)	0.0080 (0.0095)	0.0202 (0.0299)	-0.0002 (0.0123)	-0.0004 (0.0145)	0.0091 (0.0094)	0.0230 (0.0205)	-0.0046 (0.0085)	0.0133 (0.0126)	0.0024 (0.0066)	0.0229 (0.0251)	-0.0035 (0.0083)	0.0050 (0.0140)	0.0040 (0.0065)
Spline2 for peace years	-0.0052 (0.0057)	-0.0003 (0.0029)	-0.0031 (0.0036)	-0.0024 (0.0024)	-0.0045 (0.0073)	-0.0004 (0.0029)	-0.0010 (0.0039)	-0.0027 (0.0023)	-0.0053 (0.0051)	0.0007 (0.0021)	-0.0040 (0.0034)	-0.0012 (0.0017)	-0.0053 (0.0063)	0.0005 (0.0021)	-0.0022 (0.0039)	-0.0015 (0.0017)
Spline3 for peace years	0.0006 (0.0009)	0.0002 (0.0004)	0.0008 (0.0008)	0.0005 (0.0004)	0.0005 (0.0010)	0.0003 (0.0004)	0.0007 (0.0008)	0.0005 (0.0004)	0.0006 (0.0008)	0.0001 (0.0004)	0.0010 (0.0008)	0.0004 (0.0003)	0.0006 (0.0009)	0.0001 (0.0004)	0.0008 (0.0009)	0.0004 (0.0003)
Latin America																
Eastern Europe																
North Africa and Middle East																
Sub-Saharan Africa																
Asia																
Constant	-263.53** (42.96)	-10.26 (23.64)	-40.61 (58.49)	-50.42* (20.84)	-290.34** (41.44)	-15.66 (22.44)	12.10 (68.21)	-45.22 (23.18)	-261.47** (55.31)	-34.25 (25.91)	-82.46* (39.70)	-64.01** (17.75)	-275.91** (78.41)	-35.69 (26.02)	-39.15 (38.89)	-62.05** (20.71)
Observations	6935	6935	6935	6935	6865	6865	6865	6865	5977	5977	5977	5977	5923	5923	5923	5923

Robust standard errors in parentheses. ** p<0.01, * p<0.05

Appendix Table 7b
 Robustness checks for Table 4: Explaining onsets of ethnic conflict by actor type
 DV: Onset of ethnic conflict by actor and aim, no time controls

	Ongoing war years included								Ongoing war years excluded							
	5				6				7				8			
	Secession by power holders	Secession by excluded	Infighting by power holders	Rebellion by excluded	Secession by power holders	Secession by excluded	Infighting by power holders	Rebellion by excluded	Secession by power holders	Secession by excluded	Infighting by power holders	Rebellion by excluded	Secession by power holders	Secession by excluded	Infighting by power holders	Rebellion by excluded
<i>Ethnic politics variables</i>																
Excluded population	0.0607 (0.2531)	0.3172** (0.1074)	-0.2093 (0.2284)	0.7311** (0.1356)	-0.2800 (0.3100)	0.2571* (0.1087)	-0.4738 (0.3196)	0.7576** (0.1295)	0.0131 (0.2711)	0.3292** (0.1184)	-0.2817 (0.2612)	0.7208** (0.1481)	-0.2154 (0.2870)	0.3379* (0.1344)	-0.6443 (0.4256)	0.7680** (0.1499)
Center segmentation	0.3178** (0.0997)	-0.0096 (0.0377)	0.3015** (0.0908)	0.0677 (0.0919)	0.2439* (0.1136)	0.0010 (0.0421)	0.3216** (0.0888)	0.0813 (0.0944)	0.2347 (0.1278)	0.0238 (0.0969)	0.3363** (0.1050)	0.1551 (0.1096)	0.1702 (0.1427)	0.0608 (0.1071)	0.3590** (0.1169)	0.1823 (0.1145)
Imperial past	4.1085* (1.7365)	1.6619 (0.9728)	0.3131 (1.1338)	-0.6072 (0.6601)	4.4878* (1.7764)	2.0016* (0.8029)	0.5351 (1.2515)	-0.9482 (0.7459)	4.3740** (1.4701)	3.4611** (1.0649)	0.5545 (1.2413)	-0.5777 (0.8123)	4.4384** (1.2605)	3.3863** (1.0295)	0.9277 (1.4056)	-0.8674 (0.9173)
<i>Other variables</i>																
Linguistic fractionalization	0.5023 (1.4253)	1.8045** (0.6671)	-0.7248 (1.5296)	1.3471 (0.8482)	1.9234 (1.6230)	2.0398** (0.6336)	0.6802 (1.2818)	0.9205 (0.8478)	0.1387 (1.4591)	1.8893* (0.9089)	-0.7158 (1.7104)	1.6058 (1.1669)	1.1352 (1.2627)	1.3514 (0.9267)	0.7046 (1.5918)	1.1375 (1.2199)
GDP per capita	-0.0870 (0.1017)	-0.0413 (0.0507)	-0.2585 (0.2450)	-0.1426* (0.0697)	-0.0770 (0.1455)	-0.0275 (0.0578)	-0.1831 (0.1950)	-0.1640* (0.0705)	-0.0992 (0.1129)	-0.0060 (0.0398)	-0.2026 (0.1912)	-0.0962 (0.0605)	-0.0834 (0.1458)	0.0017 (0.0565)	-0.1257 (0.1409)	-0.1097 (0.0589)
Population size	-0.1140 (0.1840)	0.5428** (0.1179)	-0.3899* (0.1799)	0.2210* (0.1123)	-0.0659 (0.2296)	0.4866** (0.1300)	-0.6598** (0.1394)	0.3004* (0.1244)	-0.1519 (0.1988)	0.5718** (0.1297)	-0.3881* (0.1968)	0.1859 (0.1326)	-0.1415 (0.2725)	0.5697** (0.1382)	-0.7127** (0.1551)	0.2349 (0.1466)
Mountainous terrain					0.3603 (0.3883)	0.3898 (0.2272)	0.5146 (0.2640)	-0.1810 (0.1490)					0.1419 (0.3617)	0.0158 (0.2157)	0.5361 (0.2835)	-0.1617 (0.1768)
Political instability					-31.09** (0.52)	0.3691 (0.5131)	1.0721 (0.6878)	0.0098 (0.4518)					-34.62** (0.67)	0.5956 (0.6714)	1.2828 (0.6934)	0.2459 (0.5121)
Anocracy					1.6446 (1.1332)	0.3060 (0.3876)	-0.0275 (0.7157)	0.7055* (0.3321)					1.7722 (1.2333)	0.6085 (0.5824)	0.2939 (0.6909)	0.7907 (0.4538)
Oil production per capita					-0.2628 (0.4132)	0.0027 (0.0438)	0.0128 (0.0086)	0.0288** (0.0086)					-0.1613 (0.2995)	0.0012 (0.0297)	0.0105 (0.0077)	0.0261** (0.0074)
Ongoing war	0.2203 (0.7028)	0.4063 (0.5092)	-0.6680 (1.1464)	0.0760 (0.3629)	0.1303 (0.6702)	0.3625 (0.4690)	-0.4447 (1.1529)	0.0246 (0.3671)								
Calendar year																
Peace years since last conflict																
Spline1 for peace years																
Spline2 for peace years																
Spline3 for peace years																
Latin America																
Eastern Europe																
North Africa and Middle East																
Sub-Saharan Africa																
Asia																
Constant	-9.51** (1.62)	-13.05** (1.33)	-2.37 (1.90)	-9.351** (1.12)	-11.39** (1.99)	-13.90** (1.40)	-2.29 (1.54)	-9.58** (1.08)	-8.82** (1.47)	-14.81** (1.48)	-2.74 (2.17)	-9.35** (1.25)	-9.68** (1.97)	-14.93** (1.39)	-2.48 (1.89)	-9.53** (1.17)
Observations	6935	6935	6935	6935	6865	6865	6865	6865	5977	5977	5977	5977	5923	5923	5923	5923

Robust standard errors in parentheses. ** p<0.01, * p<0.05

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